MATERIAL SAFETY DATA SHEET

SIKA PLUG

1. Product And Company Identification

Supplier	Manufacturer
SIKA CORPORATION **201 Polito Ave** **Lyndhurst, NJ 07071** **Company Contact:** Kristin Kelley **Telephone Number:** (201) 933-8800 **FAX Number:** (201) 933-9379 **Web Site:** www.sikausa.com	**SIKA CORPORATION** **201 Polito Ave** **Lyndhurst, NJ 07071** **Company Contact:** Kristin Kelley **Telephone Number:** (201) 933-8800 **FAX Number:** (201) 933-9379 **Web Site:** www.sikausa.com
Supplier Emergency Contacts & Phone Number **CHEMTREC: 800-424-9300** **INTERNATIONAL: 703-527-3887**	**Manufacturer Emergency Contacts & Phone Number** **CHEMTREC: 800-424-9300** **INTERNATIONAL: 703-527-3887**

Issue Date: 04/17/2001

Product Name: SIKA PLUG
CAS Number: Not Established
Chemical Family: CEMENTITIOUS MORTAR
MSDS Number: 2304
Product Code: 543

2. Composition/Information On Ingredients

Ingredient Name	CAS Number		Percent Of Total Weight
CEMENT PORTLAND	65997-15-1		
SILICA, QUARTZ	14808-60-7		
SODIUM ALUMINATE	1302-42-7		

3. Hazards Identification

Eye Hazards
EYE IRRITANT.

Skin Hazards
MAY CAUSE A REVERSIBLE INFLAMMATORY EFFECT ON SKIN OR TISSUE AT THE SITE OF CONTACT.

Ingestion Hazards
NOT NORMALLY INGESTED.

Inhalation Hazards
MAY CAUSE A REVERSIBLE INFLAMMATORY EFFECT ON THE UPPER RESPIRATORY SYSTEM.

4. First Aid Measures

Eye
RINSE EYES THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. CONSULT PHYSICIAN.

Skin
WASH SKIN THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING.IF SYMPTOMS PERSIST CONSULT PHYSICIAN.

Ingestion
DILUTE WITH WATER. CONTACT PHYSICIAN.

Inhalation
REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, INSTITUTE ARTIFICIAL RESPIRATION. CONSULT WITH PHYSICIAN.

5. Fire Fighting Measures

Flash Point: >200 °F
Autoignition Point: N/AV °F
Flammability Class: NCMB
Lower Explosive Limit: N/AV
Upper Explosive Limit: N/AV

Fire And Explosion Hazards
NONE KNOWN

Extinguishing Media
In case of fire, use water spray (fog) foam, dry chemical, or CO2.

Fire Fighting Instructions
Firefighters should wear self-contained breathing apparatus and full protective gear.

6. Accidental Release Measures

WEAR SUITABLE PROTECTIVE EQUIPMENT. CONTAIN SPILL, SWEEP UP AND TRANSFER INTO SUITABLE CONTAINERS. AVOID CONTACT.

7. Handling And Storage

Handling And Storage Precautions
STORE IN COOL DRY AREA. KEEP CONTAINERS TIGHTLY CLOSED.

Work/Hygienic Practices
WASH THOROUGHLY AFTER USING PRODUCT.

8. Exposure Controls/Personal Protection

Engineering Controls
Use with adequate ventilation.

Eye/Face Protection
Safety glasses with side shields or goggles.

Skin Protection
AVOID SKIN CONTACT. WEAR LONG SLEEVE SHIRT AND LONG PANTS. CHEMICAL RESISTANT RUBBER OR PLASTIC GLOVES.

8. Exposure Controls/Personal Protection - Continued

Respiratory Protection

In areas where the P.E.L.s are exceeded, use a properly fitted NIOSH-approved respirator.

Other/General Protection

Ingredient(s) - Exposure Limits

CEMENT, PORTLAND
- ACGIH TLV-TWA - 10 mg/m3
- OSHA PEL -TWA - 15 mg/m3 (total dust)
- OSHA PEL - TWA - 5 mg/m3 (respirable dust)

SILICA, QUARTZ
- ACGIH TLV-TWA 0.1 mg/m3 (Notice of Intended Change)
- ACGIH TLV-TWA 0.05 mg/m3 (Proposed)
- OSHA PEL-TWA 30/%SiO2+2 mg/m3
- OSHA PEL-TWA 10/%SiO2+2 mg/m3
- OSHA PEL-TWA 250/%SiO+5 mppcf

SODIUM ALUMINATE
- ACGIH TLV-TWA: 10 mg/m3
- OSHA PEL-TWA: 5MG/M3
- NTP N/AP
- IARC N/AP

9. Physical And Chemical Properties

Appearance

GRAY GRANULES

Odor

ODORLESS

Chemical Type: Pure
Physical State: Solid
Melting Point: N/AV °F
Boiling Point: N/AV °F
Specific Gravity: >1
Percent Volatiles: N/AV
Packing Density: N/AV
Vapor Pressure: N/AV
Vapor Density: >AIR
Solubility: N/AV
Evaporation Rate: N/AV

10. Stability And Reactivity

Stability: STABLE
Hazardous Polymerization: WILL NOT OCCUR

Conditions To Avoid (Stability)

NONE KNOWN

Incompatible Materials

HYDROCHLORIC AND HYDROFLUORIC ACIDS

10. Stability And Reactivity - Continued

Hazardous Decomposition Products
NONE KNOWN

Conditions To Avoid (Polymerization)
NONE KNOWN

11. Toxicological Information

Miscellaneous Toxicological Information
IARC MONOGRAPHS ON THE EVALUATION OF CARCINOGENIC RISK OF CHEMICALS TO HUMANS (VOLUME 42, 1987) CONCLUDES THAT THERE IS SUFFICIENT EVIDENCE FOR THE CARCINOGENICITY OF CRYSTALLINE SILICA TO EXPERIMENTAL ANIMALS, AND THERE IS LIMITEDEVIDENCE OF THE CARCINOGENICITY OF CRYSTLALLINE SILICA TO HUMANS.

Conditions Aggravated By Exposure
MAY CAUSE EFFECTS ON THE RESPIRATORY SYSTEM PATHOLOGY OR RESPIRATION, SUCH AS PULMONARY EDEMA, FIBROSIS, BRONCHITIS, BRONCHOCONSTRICTION, OR RESPIRATORY ARREST.PROLONGED EXPOSURE CAN CAUSE SILICOSIS.

Ingredient(s) - Carginogenicity
SILICA, QUARTZ
NTP - Listed On The National Toxicology Program
Listed In The IARC Monographs

12. Ecological Information

Other Environmental Information

13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations.

14. Transport Information

Proper Shipping Name
NOT REGULATED PER D.O.T.

15. Regulatory Information

U.S. Regulatory Information
All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SARA Hazard Classes
Acute Health Hazard
Chronic Health Hazard

SARA Section 313 Notification
This product does not contain any ingredients regulated under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 or 40 CFR 372.

State Regulations
WARNING: This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

15. Regulatory Information - Continued

Ingredient(s) - State Regulations

SILICA, QUARTZ
- New Jersey - Workplace Hazard
- Pennsylvania - Workplace Hazard
- California - Proposition 65
- Massachusetts - Hazardous Substance

16. Other Information

HMIS Rating

Health: 1
Fire: 0
Reactivity: 0
PPE: E

Revision/Preparer Information

MSDS Preparer: Kristin Kelley
This MSDS Supercedes A Previous MSDS Dated: 01/02/1996

Disclaimer

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SIKA CORPORATION